Index of Claims

| Application | /Contro | No. |
|-------------|---------|-----|
|-------------|---------|-----|

10/797,110

Examiner

Ephrem Alemu

Applicant(s)/Patent under Reexamination

NUMAJIRI ET AL.
Art Unit

2821

| 7  | Rejected |
|----|----------|
| 11 | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|          | in.      | The Dete |          |                 |          |          | D.1.         |  |              |          |          |          |          |                 |           |          |              | Claim Date |                         |               |      |          |            |                                     |                 |          |          |          |          |          |          |  |
|----------|----------|----------|----------|-----------------|----------|----------|--------------|--|--------------|----------|----------|----------|----------|-----------------|-----------|----------|--------------|------------|-------------------------|---------------|------|----------|------------|-------------------------------------|-----------------|----------|----------|----------|----------|----------|----------|--|
| Cla      | AIM)     | ļ.,,     |          | Date Claim Date |          |          |              |  |              |          |          |          |          | 4               |           | aim      | ⊢            |            | _                       | L             | Jate | ,        |            | <del>-</del>                        | _               |          |          |          |          |          |          |  |
| Final    | Original | 6/11/05  | 11/25/05 | 5/13/06         |          |          |              |  |              |          | Final    | Original |          |                 |           |          |              |            |                         |               |      | Final    | Original   |                                     |                 |          |          |          |          |          |          | ,  |
|          | 1        | 1        | 1        | =               |          |          |              | T  |              | $\Box$   |          | 51       |          | П               | $\neg$    | ヿ        | 寸            | $\top$     | $\neg$                  | _             | 1    |          | 101        |                                     |                 |          |          |          |          |          | _        | $\vdash$                                     |
|          | 2        | 7        | 7        | =               |          | <u> </u> |              | T  |              | П        | \        | 52       | _        |                 |           | ヿ        | 寸            | 寸          | 寸                       | $\neg \vdash$ | 1    |          | 102        | Г                                   |                 |          |          |          | -        |          |          |  |
|          | 3        | 1        | 1        | =               |          |          |              | Г  |              |          |          | 53       | Г        | П               |           | ヿ        | ヿ            | T          | ヿ                       | _             | 1    |          | 103        |                                     |                 |          |          |          |          |          |          |  |
|          | 4        | 1        | 1        | =               |          |          |              |  |              |          |          | 54       |          |                 |           | $\neg$   | T            | 7          | T                       |               | 7    |          | 104        |                                     |                 |          |          |          |          |          |          |  |
|          | 5        | 1        | 1        | =               |          |          |              | П  |              |          |          | 55       |          |                 |           | $\neg$   | 寸            | $\neg$     | 丁                       | T             | 7    |          | 105        | Г                                   |                 |          |          |          |          |          |          |  |
|          | 6        | 1        | 1        | =               |          |          |              |  |              |          |          | 56       |          | П               |           |          | T            | Т          | Т                       |               | 7    |          | 106        |                                     | П               |          |          |          |          |          |          |  |
|          | 7        | 1        | 1        | =               |          |          |              |  |              |          |          | 57       |          |                 |           |          |              |            |                         |               | 1    |          | 107        |                                     | П               |          |          |          |          |          |          |  |
|          | -8       | 1        | 1        | =               |          |          |              |  |              |          |          | 58       |          |                 |           |          |              |            |                         |               | ]    |          | 108        |                                     |                 |          |          |          |          |          |          |  |
|          | 9        | 1        | 1        | =               |          |          |              |  |              |          |          | 59       |          |                 |           |          |              |            |                         |               |      |          | 109        |                                     |                 |          |          |          |          |          |          |  |
|          | 10       | 1        | ٧        | =               |          |          |              |  |              |          |          | 60       |          |                 |           |          |              |            |                         |               | ]    |          | 110        |                                     |                 |          |          |          |          |          |          |  |
|          | 11       | 1        | 1        | =               |          | Ш        |              | $ldsymbol{ld}}}}}}$ | $oxed{oxed}$ |          |          | 61       | L        | Ш               |           |          |              |            |                         |               | ╛    |          | 111        |                                     |                 |          |          |          |          |          |          |  |
|          | 12       | 1        | 7        | =               | Ш        | $\Box$   | <u> </u>     | Ш  | Ш            | $\Box$   |          | 62       |          | Ш               |           | _        | $\perp$      | 4          | $\perp$                 |               | 1    |          | 112        | $ldsymbol{oxed}$                    | Ш               |          |          |          |          |          |          | L  |
|          | 13       | 1        | 1        | =               | Щ        | Щ        | <u> </u>     | L  | Ш            |          |          | 63       | <u> </u> | Ш               | _         | _[       | $\downarrow$ | 4          | $\perp$                 |               | 4    |          | 113        | <u> </u>                            | $\Box$          |          |          |          |          |          |          |  |
|          | 14       | 1        | 1        | =               |          | Щ        | <u> </u>     | <u> </u>   | Щ            | _        |          | 64       | <u> </u> | Щ               | _         | _        | _            | $\perp$    | _                       |               | 4    |          | 114        | <u>L</u>                            | Ш               |          |          | Ш        | Ш        |          | لــــ    | _  |
|          | 15       | 1        | 1        | =               |          |          | $oxed{oxed}$ |  |              | _        |          | 65       | _        | Ш               | _         | _        |              | 4          | _                       |               | 1    |          | 115        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |                 | _        |          |          |          |          | لـــا    | L  |
| igwdap   | 16       |          |          | Щ               | $\sqcup$ | Ш        |              | Ш  | Щ            | _        |          | 66       | <u> </u> | Ш               |           | _        | $\dashv$     | 4          | 4                       |               | 1    |          | 116        | <u> </u>                            | $\sqcup$        |          |          |          |          |          | لـــ     | _  |
|          | 17       |          |          |                 |          | Ш        | _            | _  |              | _        |          | 67       | _        | Ш               | _         | 4        | _            | 4          | _                       |               | 4    |          | 117        | <u> </u>                            | $\sqcup$        | _        |          |          |          |          | لـــ     | L  |
|          | 18       |          |          |                 |          | Ш        | Ш            | L  |              | _        |          | 68       | _        |                 | _         | _        | _            | 4          | 4                       | _             | 4    |          | 118        | <u> </u>                            | $\sqcup$        | _        |          |          |          |          | لـــ     | <u> </u>                                     |
|          | 19       |          |          | $\dashv$        |          | Ш        | Ш            | Ш  | Ш            | _        |          | 69       | _        |                 | _         | _        | 4            | 4          | 4                       | $\perp$       | _    | <u> </u> | 119        | _                                   | $\sqcup$        | _        |          |          |          | $\Box$   | لـــ     | <u> </u>                                     |
|          | 20       |          |          |                 |          | Ш        |              | Ш  |              | _        |          | 70       |          |                 |           | 4        | $\dashv$     | 4          | 4                       |               | 4    |          | 120        | <u> </u>                            |                 | _        | _        |          |          |          | لـــ     | <u> </u>                                     |
|          | 21       |          |          |                 |          | Ш        | Ш            | Н  | Ш            | _        |          | 71       |          |                 |           | 4        | 4            | 4          | 4                       |               | 4    |          | 121        | <u> </u>                            | $\sqcup$        | _        | _        |          |          |          |          | <u> </u>                                     |
| <u> </u> | 22       |          | _        |                 | _        | Н        | Н            | Н  | Н            | _        |          | 72       | $\vdash$ | $\dashv$        |           |          | 4            | +          | 4                       | -             | 4    |          | 122        | _                                   | $\sqcup$        | _        | _        | _        |          |          |          | $\vdash$                                     |
| $\vdash$ | 23       | $\dashv$ |          |                 |          |          | Н            | Н  | Н            | _        |          | 73       | -        | $\vdash$        |           | -        | $\dashv$     | +          | +                       |               | 4    | $\vdash$ | 123        | <u> </u>                            | $\sqcup$        | -        | _        |          |          | _        |          | <u> </u>                                     |
|          | 24<br>25 | -        |          |                 | _        |          | $\vdash$     | -  |              |          |          | 74<br>75 | -        | -               | $\dashv$  | -        | -            | +          | +                       | +             | ┨    | $\vdash$ | 124        | ├                                   | $\vdash$        | $\dashv$ | _        | _        | -        | -1       |          |  |
|          | 26       | -        |          |                 | -        |          |              | -  |              |          | -        | 76       | _        | $\vdash$        | $\dashv$  | $\dashv$ | -            |            | +                       | +             | 4    | $\vdash$ | 125        |                                     | ┦               | $\dashv$ |          | _        | _        | -        |          | <u> </u>                                     |
|          | 27       | -        |          | $\dashv$        | -        | -        | -            | Н  | -            | $\dashv$ |          | 77       |          | $\vdash$        | $\dashv$  | $\dashv$ | $\dashv$     | +          | +                       |               | -    | $\vdash$ | 126<br>127 | <del> </del>                        | $\vdash$        | -        | _        |          | $\dashv$ | -        | -        | <u> </u>                                     |
| -        | 28       | $\dashv$ | -        | -               | -        | Н        | H            | Н  | $\dashv$     | $\dashv$ | -        | 78       |          | -               | $\dashv$  | $\dashv$ | +            | +          | +                       |               | -    |          | 128        | $\vdash$                            | ╁┷┼             | $\dashv$ | $\dashv$ | $\dashv$ | -        | -        | $\dashv$ | <u> </u>                                     |
|          | 29       | -        | $\dashv$ | $\dashv$        | -        |          |              | Н  | $\dashv$     | $\dashv$ | $\vdash$ | 79       | -        | $\vdash$        | $\dashv$  | -        | +            | +          | +                       | +             | 1    |          | 129        |                                     | $\vdash$        | ᅱ        | $\dashv$ | -        | -        | -        | $\dashv$ | <u> —                                   </u> |
|          | 30       | -        | _        | $\dashv$        | $\dashv$ | Н        | Н            | $\vdash$   | $\vdash$     | $\dashv$ | -        | 80       |          | $\dashv$        | $\dashv$  | $\dashv$ | $\dashv$     |            | +                       |               | ┨    | -        | 130        | -                                   | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        |          | <u> </u>                                     |
| $\vdash$ | 31       | -        | -        | $\dashv$        | -        | -        | -            | Н  | $\dashv$     | $\dashv$ |          | 81       |          | $\vdash$        |           | $\dashv$ | +            | +          | $\dashv$                | $\dashv$      | ┨    | -        | 131        | _                                   | ┥               | $\dashv$ | -        | -        |          | -        | $\dashv$ |  |
|          | 32       |          | -        | $\dashv$        | -        | $\vdash$ |              | Н  |              | $\dashv$ |          | 82       | -        | $\dashv$        | $\dashv$  | $\dashv$ | $\dashv$     | +          | +                       | +             | ┨    |          | 132        | -                                   | $\vdash$        | $\dashv$ |          |          | $\dashv$ | -        |          | $\vdash$                                     |
|          | 33       | $\neg$   |          | -               | $\neg$   |          |              | -  | $\vdash$     | $\dashv$ |          | 83       |          | $\dashv$        | -         | -        | +            | ╅          | $\dashv$                | +-            | ┨    | $\vdash$ | 133        | ┝                                   | Н               | $\dashv$ |          | $\dashv$ |          |          | $\dashv$ |  |
| $\vdash$ | 34       | $\dashv$ | $\dashv$ | $\dashv$        | -        | $\vdash$ | Н            | Н  | $\vdash$     | $\dashv$ | <u> </u> | 84       | $\vdash$ | $\vdash \dashv$ | $\dashv$  | $\dashv$ | +            | +          | +                       | +             | 1    | -        | 134        | -                                   | $\vdash \vdash$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | _  |
|          | 35       |          |          | $\dashv$        |          | Н        | Н            | Н  | $\vdash$     | $\dashv$ |          | 85       | Н        |                 | $\dashv$  | $\dashv$ | -            | 十          | +                       | $\dashv$      | 1    |          | 135        | $\vdash$                            | $\vdash$        | ᅥ        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |  |
|          | 36       | $\neg$   | $\neg$   |                 |          | $\vdash$ |              | Н  | $\neg$       | $\dashv$ |          | 86       |          | $\Box$          | _         | 7        | $\dashv$     | $\top$     | 十                       | $\neg$        | 1    | $\vdash$ | 136        | $\vdash$                            | $\vdash$        | 7        |          | $\dashv$ | $\dashv$ | -        | $\dashv$ |  |
|          | 37       | $\dashv$ |          | _               |          | $\vdash$ | М            | М  |              | $\dashv$ |          | 87       |          | $\sqcap$        | 寸         | $\dashv$ | 十            | 十          | 十                       | _             | 1    |          | 137        | $\vdash$                            | $\vdash$        | ┪        | $\dashv$ | -        | ᅱ        | -        | $\dashv$ |  |
|          | 38       | $\neg$   | $\dashv$ | $\dashv$        |          | Н        | П            | Н  |              | $\neg$   |          | 88       |          | $\Box$          | 7         | _        | 十            | 十          | 十                       | $\top$        | 1    | $\Box$   | 138        |                                     | $\vdash$        | ┪        | $\dashv$ | $\neg$   |          | $\dashv$ | $\dashv$ |  |
|          | 39       |          |          | $\dashv$        | $\neg$   |          | $\Box$       | П  |              | $\neg$   |          | 89       |          | $\neg$          |           | $\dashv$ | 十            | 十          | 十                       |               | 1    | П        | 139        |                                     | $\sqcap$        | $\dashv$ | $\dashv$ | ᅥ        | -        | +        | $\dashv$ | $\overline{}$                                |
|          | 40       |          |          | 寸               |          | П        | П            | П  |              | $\neg$   |          | 90       | П        | $\Box$          |           | _        | $\top$       | $\top$     | $\top$                  | 1             | 1    |          | 140        |                                     | $\sqcap$        | 寸        | $\dashv$ | 一        |          | 寸        | $\dashv$ |  |
|          | 41       | 一        | $\neg$   |                 |          |          |              |  |              | $\neg$   |          | 91       |          | T               | 7         | 寸        | $\top$       | $\top$     | $\neg$                  | $\neg \vdash$ | 1    | М        | 141        |                                     | П               | ╛        |          |          | _        | 寸        | $\dashv$ |  |
|          | 42       | $\neg$   | $\neg$   | 一               |          |          |              | П  |              |          |          | 92       |          | $\Box$          |           | $\dashv$ | $\neg$       | $\top$     | 7                       | $\neg$        | 1    |          | 142        |                                     | $\Box$          | $\dashv$ |          |          | $\dashv$ | $\dashv$ | $\dashv$ | $\neg$                                       |
|          | 43       |          |          |                 |          |          |              |  |              |          |          | 93       |          |                 | $\exists$ | $\neg$   |              | _          | $\top$                  | $\top$        | 1    |          | 143        |                                     | П               | T        |          | $\neg$   | 一        | 7        | $\dashv$ |  |
|          | 44       |          |          |                 |          |          |              |  |              |          |          | 94       |          |                 |           |          |              | 丁          | $\Box$                  | 1             | 1    |          | 144        |                                     | $\Box$          | T        |          | 一        | T        |          | $\neg$   | _  |
|          | 45       |          |          |                 |          |          |              |  |              |          |          | 95       |          |                 |           |          | T            | $\top$     | $\top$                  |               | 1    |          | 145        |                                     |                 |          |          |          |          | 寸        | $\neg$   | $\neg$                                       |
|          | 46       |          |          |                 |          |          |              |  |              |          |          | 96       |          |                 |           |          | $\Box$       |            |                         |               |      |          | 146        |                                     | $\Box$          |          |          | $\neg$   | 寸        | 寸        | $\neg$   |  |
|          | 47       |          |          |                 | $\Box$   |          |              |  |              |          |          | 97       |          |                 | Ī         |          |              | Ι          | T                       |               | ]    |          | 147        |                                     |                 |          |          |          | _1       |          | $\neg$   |  |
|          | 48       |          | $\Box$   | $\Box$          | 二        |          |              |  |              |          |          | 98       |          |                 | J         | $\Box$   | I            | Ι          | $oldsymbol{\mathbb{I}}$ |               | ]    |          | 148        |                                     |                 |          |          |          |          | 丁        | $\Box$   |  |
|          | 49       |          | _[       |                 |          |          |              | Ш  |              | _]       |          | 99       |          | $\Box$          | $\Box$    | $\Box$   | $\Box$       | $\perp$    | $oxed{\Box}$            |               | ]    |          | 149        |                                     |                 |          |          |          | $\Box$   |          | ▔        |  |
|          | 50       | [        | I        | _[              |          |          | <u></u> ]    | $oxed{oxed}$   |              |          |          | 100      |          |                 | $\Box$    |          | $\perp$      | $\perp$    | $\perp$                 |               | ]    |          | 150        |                                     | $\Box$          | ┚        | $\Box$   | $\Box$   | $\Box$   | $\Box$   | J        |  |